
Appendix B: Regulatory information

Federal Communications Commission (FCC)

The FCC has designated UTAM Inc. to manage the installation and relocation of Unlicensed Personal Communication Services (UPCS). This includes Meridian Companion Base Stations and C3050 portables.

Activation

Wireless communications on a Meridian Companion system cannot be activated until installation at the system's authorized location is verified and approved by UTAM Inc. The system is equipped with an automatic mechanism for disabling wireless operation in the event the system is moved outside the area where its operation has been approved by UTAM Inc. This mechanism complies with FCC requirements.

Registration

Each Meridian Companion PCI system is registered with the FCC based upon compliance with Part 68 of its rules. Connection of the system to the customer analog lines is made through a standard network interface jack, which you can order from your telephone company.

Safety

The Meridian Companion system conforms to the requirements of North American Regulatory Standards as specified in Underwriter's Laboratory UL-1459 Edition 2.

WARNING!

Do not connect the Administration Terminal or Base Stations directly to a CO line interface.

Doing so may result in equipment damage.

ATTENTION!

The Meridian Companion Administration Terminal and Base Stations must not be used as off premises equipment.

Installers should check the lightning surge arrestors at the cable entry point to the building with special attention to the grounding. Any problems should be reported to your telephone company in writing.

Because Administration Terminals and Base Stations are not lightning protected, do not install them outside the building.

**SHOCK!**

To avoid electrical shock hazard to personnel or equipment damage, observe the following precautions when installing telephone equipment:

- Never install telephone wiring during a lightning storm.
- Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.
- Never touch telephone wires that are not insulated or terminals unless the telephone line has been disconnected at the network interface.
- Use caution when installing or modifying the telephone lines.

**SHOCK!**

Install an AC lightning surge arrester in the AC outlet that connects to the equipment.

Electrical surges, typically lighting transients, are very destructive to terminal equipment connected to AC power sources.

Equipment attachment limitations

The Federal Communications Commission (FCC) label identifies certified equipment. This certification means that the equipment meets certain telecommunications network protective, operational, and safety requirements. The FCC does not guarantee that the equipment will operate to the user's satisfaction. Before installing this equipment, you should have permission to connect to the facilities of the local telecommunications company. You must use an acceptable method of connection to install the equipment.

Compliance with the preceding conditions might not prevent degradation of service in some situations. Repairs to certified equipment should be made by an authorized U.S. maintenance facility designated by the distributor. Any

repairs or alterations made by anyone else to this equipment or any equipment malfunctions can give the telecommunications company cause to request disconnection of the equipment.

You should ensure for your own protection that the electrical ground connections of the power utility, telephone lines, and internal metallic water pipe system, if present, are connected together. This precaution might be particularly important in rural areas.



SHOCK!

Users should not attempt to make electrical ground connections themselves.

Users should contact the appropriate electronic inspection authority, or electrician, as appropriate.

This equipment cannot be used on public coin phone service provided by the telephone company.

Telecom compliance

The Meridian Companion PCI system meets FCC Part 68 requirements for loop start Central Office interface.

Telephone company notification

You do not need to contact your telephone company before connecting a Meridian Companion PCI system to the telephone network. The telephone company, however, might ask you to provide the following information:

- telephone number or numbers to which the system will be connected
- FCC Registration Number (on the FCC label)
- Ringer Equivalence Number (on the FCC label)
- type of jack (RJ21X)

- Facility Interface Code (02LS2)
- Service Order Code (9.0F)

Rights of the telephone company

If a Meridian Companion PCI system is determined to be causing harm to the telephone network, the telephone company can discontinue your service temporarily. If possible, the company will notify you in advance, but if advance notice is not practical, you will be notified as soon as possible. You will be given the opportunity to correct the situation, and you will be informed of your right to file a complaint with the FCC.

Your telephone company might make changes in its facilities, equipment, operations, or procedures that could affect the correct functioning of your system. If the company does, you will be notified in advance, to give you an opportunity to maintain uninterrupted telephone service.

In the event of an equipment malfunction, all repairs will be performed by Northern Telecom Ltd. or one of its authorized dealers.

Radio Frequency Interference

The Meridian Companion PCI system complies with the FCC Part 15-Subpart D Regulation. Operation is subjected to the following conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that might cause undesired operation.
3. This device cannot be activated until installation at its authorized location is verified by UTAM Inc.

Ringer Equivalence Number

The Ringer Equivalence Number (REN) is used to determine the quantity of devices that may be connected to the telephone line. The REN assigned to each terminal device denotes the percentage of the total load to be connected to a telephone line used by the device to prevent overloading. The REN is increased each time a terminal device is connected to the telephone line. In most areas, the sum of the RENs should not exceed 5. The REN of the system is 1.5 B.

Repair facility

Contact	Northern Telecom Nashville Repair and Distribution Center 640 Massman Drive Nashville, TN 37210
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Note for hearing aid users

Use of the portable telephone may produce an audible tone within a hearing aid. A headset recommended for use with hearing aids can prevent the occurrence of the audible tone. Contact your distributor to order a headset.